

## RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/806,477B  
Source: IFWO  
Date Processed by STIC: 5-15-06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 05/15/2006

PATENT APPLICATION: US/10/806,477B

TIME: 15:44:10

Input Set : A:\ENGLERCP.APP

Output Set: N:\CRF4\05152006\J806477B.raw

```

3 <110> APPLICANT: ENGLER, JEFFREY A.
4     LEE, JAE HWY
5     COLLAWN, JAMES F.
6     MOORE, BRYAN A.
8 <120> TITLE OF INVENTION: RECEPTOR-MEDIATED UPTAKE OF PEPTIDES THAT BIND THE
9     HUMAN TRANSFERRIN RECEPTOR
11 <130> FILE REFERENCE: ENGLER, CIP1
13 <140> CURRENT APPLICATION NUMBER: 10/806,477B
14 <141> CURRENT FILING DATE: 2004-03-23
16 <150> PRIOR APPLICATION NUMBER: 09/995,804
17 <151> PRIOR FILING DATE: 2001-11-29
19 <150> PRIOR APPLICATION NUMBER: 60/253,940
20 <151> PRIOR FILING DATE: 2000-11-30
22 <160> NUMBER OF SEQ ID NOS: 14
24 <170> SOFTWARE: PatentIn Ver. 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 7
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
33     peptide
35 <400> SEQUENCE: 1
36 His Ala Ile Tyr Pro Arg His
37   1           5
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 12
42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
47     peptide
49 <400> SEQUENCE: 2
50 Thr His Arg Pro Pro Met Trp Ser Pro Val Trp Pro
51   1           5           10
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 7
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
61     peptide
63 <400> SEQUENCE: 3

```

## RAW SEQUENCE LISTING

DATE: 05/15/2006

PATENT APPLICATION: US/10/806,477B

TIME: 15:44:10

Input Set : A:\ENGLERCP.APP

Output Set: N:\CRF4\05152006\J806477B.raw

```

64 Ile Arg His Pro His Tyr Ala
65   1           5
68 <210> SEQ ID NO: 4
69 <211> LENGTH: 12
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
75     peptide
77 <400> SEQUENCE: 4
78 Pro Trp Arg Pro Ser His Pro Val Trp Met Pro Thr
79   1           5           10
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 18
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
89     primer
91 <400> SEQUENCE: 5
92 tgggattttg ctaaaaac
93                               18
95 <210> SEQ ID NO: 6
96 <211> LENGTH: 22
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
102     primer
104 <400> SEQUENCE: 6
105 gtatgggatt ttgctaaaca ac
106                               22
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 28
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
115     oligonucleotide
117 <400> SEQUENCE: 7
118 tctagatctg atgagtaaag gagaagaa
119                               28
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 54
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
128     oligonucleotide
130 <400> SEQUENCE: 8
131 ttaaagcttt taatggcgcg gatagatcgc atgtttgtag agctcatcca tgcc
132                               54
134 <210> SEQ ID NO: 9

```

## RAW SEQUENCE LISTING

DATE: 05/15/2006

PATENT APPLICATION: US/10/806,477B

TIME: 15:44:10

Input Set : A:\ENGLERCP.APP

Output Set: N:\CRF4\05152006\J806477B.raw

```

135 <211> LENGTH: 68
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
141     oligonucleotide
143 <400> SEQUENCE: 9
144 taaagctttt acggccacac cgggctccac atcggcgggc ggtggggttt gtagagctca 60
145 tccatgcc                                     68
148 <210> SEQ ID NO: 10
149 <211> LENGTH: 29
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
155     oligonucleotide
157 <400> SEQUENCE: 10
158 gatcccatgc gatctatccg cgccattaa                                     29
161 <210> SEQ ID NO: 11
162 <211> LENGTH: 29
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
168     oligonucleotide
170 <400> SEQUENCE: 11
171 gatcttaatg gcgcggatag atcgcatgg                                     29
174 <210> SEQ ID NO: 12
175 <211> LENGTH: 44
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
181     oligonucleotide
183 <400> SEQUENCE: 12
184 gatccacca ccgcccgcg atgtggagcc cggtgtggcc gtaa                                     44
187 <210> SEQ ID NO: 13
188 <211> LENGTH: 44
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
194     oligonucleotide
196 <400> SEQUENCE: 13
197 gatcttacgg ccacaccgg ctccacatcg gcgggcggtg ggtg                                     44
200 <210> SEQ ID NO: 14
201 <211> LENGTH: 7
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence

```

## RAW SEQUENCE LISTING

DATE: 05/15/2006

PATENT APPLICATION: US/10/806,477B

TIME: 15:44:10

Input Set : A:\ENGLERCP.APP

Output Set: N:\CRF4\05152006\J806477B.raw

205 &lt;220&gt; FEATURE:

206 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

207 peptide

209 &lt;400&gt; SEQUENCE: 14

210 His Ala Ile Tyr Pro Asn His

211 1 5

**VERIFICATION SUMMARY**

DATE: 05/15/2006

PATENT APPLICATION: US/10/806,477B

TIME: 15:44:11

Input Set : A:\ENGLERCP.APP

Output Set: N:\CRF4\05152006\J806477B.raw